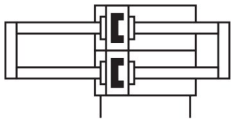
# Twin cylinder
# DGTZ-GF-25-10-J-T-P-A

Part number: 8103457





## Data sheet

| Feature | Value |
|---|---|
| Stroke | 10 mm |
| Adjustable end position range/length | 10 mm |
| Piston diameter | 25 mm |
| Drive unit operating mode | Two yokes |
| Cushioning | Elastic cushioning rings/pads at both ends |
| Mounting position | Any |
| Guide | Plain-bearing guide |
| Structural design | Guide |
| Position sensing | Via proximity switch |
| Operating pressure | 0.12 MPa...0.8 MPa<br>1.2 bar...8 bar |
| Mode of operation | Double-acting |
| Operating medium | Compressed air as per ISO 8573-1:2010 [7:4:4] |
| Information on operating and pilot media | Operation with oil lubrication possible (required for further use) |
| Corrosion resistance class (CRC) | 1 - Low corrosion stress |
| LABS (PWIS) conformity | VDMA24364 Zone III |
| Cleanroom suitability, measured according to ISO 14644-14 | Class 5 according to ISO 14644-1 |
| Ambient temperature | -10 °C...80 °C |
| Impact energy in the end positions | 0.3 Nm |
| Max. payload as a function of the stroke at defined distance xs | 33.5 N |
| Theoretical force at 6 bar, retracting | 454 N |
| Theoretical force at 6 bar, advancing | 454 N |
| Moving mass | 354.6 g |
| Product weight | 953 g |
| Pneumatic connection | G1/8 |
| Note on materials | RoHS compliant |
| Cover material | Wrought aluminum alloy |
| Seals material | NBR |
| Housing material | Wrought aluminum alloy, anodized |
| Piston rod material | high-alloy stainless steel |